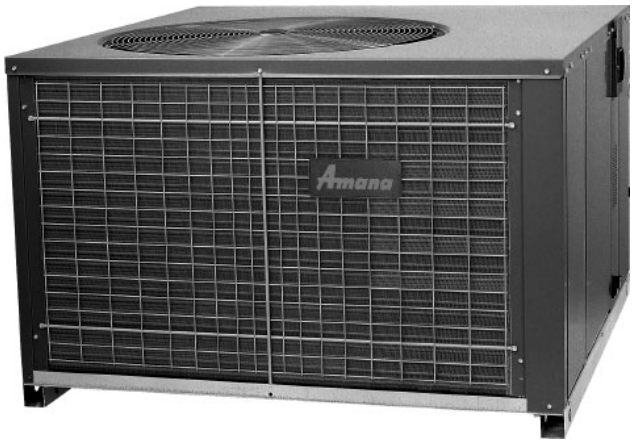
Heating & Air Conditioning

Amana

LASTS AND LASTS AND LASTS.™

Specification Sheet



13 SEER/80% AFUE

Cooling Capacity:
25,000 to 47,000 BTUH

Heating Capacity:
46,000 to 138,000 BTUH

LIMITED WARRANTY

- Lifetime—Heat Exchanger
- Lifetime—Compressor
- 10-Year—Parts

Asure℠ EXTENDED SERVICE PLAN

PGD Air Command®

Packaged Gas/Electric

The Amana® brand PGD Air Command® Packaged Gas/Electric unit offers outstanding year-round heating and cooling comfort. Featuring high-efficiency compressors, you will enjoy lower power bills throughout the life of the system. The PGD's compact design is ideal for ground-level or rooftop applications.

Stainless Steel Heat Exchanger. Based on the unique design of our furnaces, the corrosion-resistant heat exchanger, manufactured with durable stainless steel, provides extra-efficient gas heating for natural gas and allows easy conversion to propane gas. Its compact tubular configuration and "dual diameter" construction provides excellent heat transfer for optimum operating efficiency. It's located upstream from the evaporator coil to effectively reduce condensation forming in the heat exchanger during cooling operations.

Copeland® High-efficiency Scroll Compressors. Used on these models to achieve the higher than average cooling efficiency numbers of more than 13.0 SEER. The ZRK3 compressor is the most efficient, most effective and most reliable scroll compressor design available today. And it's one of the quietest with operating sound levels lower than those of an ordinary compressor. A high-operating pressure relief and a motor overload cut-out are both standard.

Direct Spark Ignition System. The DSI system is comprised of 4 components, including the integrated, micro-processor-based, direct spark ignition control that controls the entire ignition sequence, all blower operation and monitors all safety circuits. It also has an on board diagnostic LED that flashes a to indicate particular system faults. The gas valve is a redundant valve and the flame sensor is the same as used on our furnaces. The fourth component, the igniter, consists of an electrode, insulator and ground rod. It is much less fragile than hot surface igniters and works well at voltage extremes.

Quiet Operating Sound Levels. The compressor and condenser fan motor are mounted on vibration isolators. The top panel isolates motor sounds, since the condenser fan motor is not attached.

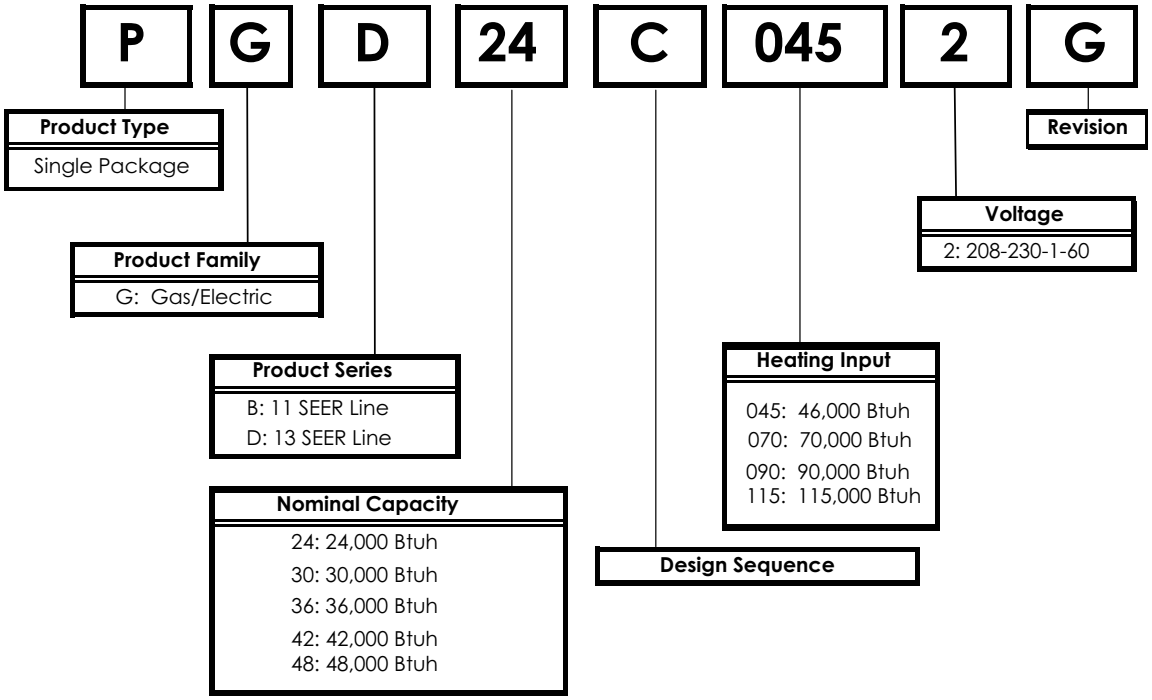
Durable Brand Coils. Large surface area provides effective heat transfer and high cooling efficiency. Aluminum fins are bonded to copper tubing. Evaporator and condenser coils have both an enhanced fin surface and grooved tubes that provide higher efficiencies from a smaller surface area than ordinary coils. The coils are leak tested 3 times to ensure all units will pass the rigid leak test standard of less than 0.1 ounce per year.

"Positive-Flow" Condensate Drain Pan. Constructed of a non-corrosive, long-lasting BMC-type plastic, the pan has a formed, sloping trough under the coil to reduce the collection of condensate and enhance indoor air quality. The coil is positioned in the unit where a specially designed internal trap has been designed and built into the unit to provide "Positive-Flow" drainage in conjunction with the contoured drain pan.

Blower Performance Flexibility. The blowers for the various sizes have been carefully selected, designed and tested to achieve a great balance between performance and efficiency. For cooling, the circulator blower delays 7 seconds coming on and 30 seconds delay off. For heating, the blower delays 30 seconds coming on and there is a choice of 90, 120 or 150 seconds delay off.

Compact Cabinet. Compact and easy to handle. The exterior case has painted sheet metal that offers a high UV-resistant finish and full-length base rails on 2 sides for easier handling. The condenser fan motor assembly is not attached to the top cover; plus, there are no screws attaching the top cover along the back of the unit. All exterior screws are Serma-Gard™ coated. When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds.

Nomenclature



Specifications

	PGD24C0452G	PGD24C0702G	PGD30C0702G	PGD30C0902G	PGD36C0702G
Cooling Capacity, BTUH	25,000	25,000	29,000	29,000	35,800
SEER	13.05	13.05	13.05	13.05	13.05
Heating Input/Output MBTUH[2]	46/36.8	69/55.2	69/55.2	92/73.6	69/55.2
Heating Input (U.S.)	46,000	69,000	69,000	92,000	69,000
Canadian (0' to 4,500')	46,000	69,000	69,000	92,000	69,000
Heating Ouptut - U.S.	36,800	55,200	55,200	73,600	55,200
Canadian (0' to 4,500')	36,800	55,200	55,200	73,600	55,200
AFUE	80.0	80.0	80.0	80.0	80.0
Temperature Rise °F	25-55	30-60	30-60	45-75	30-60
Number of Burners	2	3	3	4	3
Orifice Size Natural/Propane	43/55	43/55	43/55	43/55	43/55
Compressor R.L./L.R. Amps	10.3/56	10.3/56	12.2/61	12.2/61	13.5/73
Condenser Coil					
Face Area (ft.²)	10.2	10.2	10.2	10.2	10.2
Rows Deep/Fins Per Inch	1/20	1/20	1/20	1/20	2/20
Condenser Fan					
Diameter/No. of Fan Blades	22/4	22/4	22/4	22/4	22/4
CFM	2500	2500	2500	2500	2500
Condenser Fan Motor					
Horsepower/RPM	1/5/825	1/5/825	1/5/825	1/5/825	1/5/825
R.L./L.R. Amps	1.3/2	1.3/2	1.3/2	1.3/2	1.3/2
Blower Motor					
Horsepower/RPM	1/2/800	1/2/800	1/2/870	1/2 /870	1/2/950
R.L./L.R. Amps	2.4/5.5	2.4/5.5	2.4/5.5	2.4/5.5	2.4/5.5
Blower Wheel (D x W)	10" X 10"	10" X 10"	10" X 10"	10" X 10"	10" X 10"
Rated CFM Cooling at 0.50 IWC	800	800	1,000	1,000	1,150
Evaporator Coil					
Face Area (ft.²)	4.2	4.2	4.2	4.2	4.2
Rows Deep/Fins Per Inch	3/14	3/14	3/14	3/14	4/14
External Filter Size (ft.²)	3.0	3.0	3.5	3.5	4.0
Drain Line Size (in.)	3/4	3/4	3/4	3/4	3/4
Expansion Device (Cooling)	Expansion Valve				
Refrigerant Charge	74 oz.	74 oz.	74 oz.	74 oz.	110 oz.
Power Supply					
Volts	208/230	208/230	208/230	208/230	208/230
Frequency	60 Hertz	60 Hertz	60 Hertz	60 Hertz	60 Hertz
Phase	Single	Single	Single	Single	Single
Minimum Circuit Ampacity[1]	16.6	16.6	19.0	19.0	20.6
Maximum Overcurrent Device[1]	25	25	30	30	30
Electric Entrance Size					
Power Supply (in.)	3/4, 1-1/4	3/4, 1-1/4	3/4, 1-1/4	3/4, 1-1/4	3/4, 1-1/4
Low Voltage (in.)	1/2	1/2	1/2	1/2	1/2
Shipping Weight (Lbs)	404	410	410	416	443
Operating Weight (Lbs)	389	395	395	401	428

NOTES:

1. While the above data is presented as a guide, it is important to electrically connect the unit and properly size overcurrent protection and wires in accordance with the National Electric Code and all existing codes. Operating tolerance: -5% and + 10% on 208 VAC, ±10% 230 VAC.
2. Without additional accessories, units installed in the U.S. are certified up to 6,000', and units installed in Canda are only certified to 4,500' (see page 11 for accessory information).
3. Specification subject to change without notice. See sales specification sheets for certified BTUH capacities.
4. The PGD series complies with requirements embodied in the American National Standard ANSI-Z21.47a-1995 Central Furnaces and CAN/CGA-2.3a-M95.
5. Filters are not supplied with units, but must be installed in the return air system.
6. IWC - Inches Water Column.

Specifications (cont.)

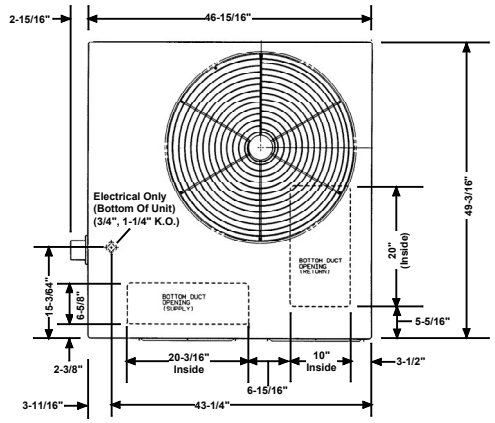
	PGD36C0902G	PGD42C0902G	PGD48C0902G	PGD48C1152G
Cooling Capacity, BTUH	35,800	41,000	47,000	47,000
SEER	13.05	13.05	13.00	13.00
Heating Input/Output MBTUH[2]	92/73.6	92/73.6	92/73.6	115/92
Heating Input (U.S.)	92,000	92,000	92,000	115,000
Canadian (0' to 4,500')	92,000	92,000	92,000	115,000
Heating Ouptut -- U.S.	73,600	73,600	73,600	92,000
Canadian (0' to 4,500')	73,600	73,600	73,600	92,000
AFUE	80.0	80.0	80%	80%
Temperature Rise °F	45-75	45-75	45-75	45-75
Number of Burners	4	4	4	5
Orifice Size Natural/Propane	43/55	43/55	43/55	43/55
Compressor R.L./L.R. Amps	13.5/73	16.5/95	18.3/109	18.3/109
Condenser Coil				
Face Area (ft.²)	10.2	10.2	12	12
Rows Deep/Fins Per Inch	2/20	2/20	2/20	2/20
Condenser Fan				
Diameter/No. of Fan Blades	22/4	22/4	22/4	22/4
CFM	2500	2500	2500	2500
Condenser Fan Motor				
Horsepower/RPM	1/5/825	1/5/825	1/5 / 825	1/5 / 825
R.L./L.R. Amps	1.3/2	1.3/2	1.3/2.0	1.3/2.0
Blower Motor				
Horsepower/RPM	1/2/950	1/3/1050	1 / VARIABLE	1 / VARIABLE
R.L./L.R. Amps	2.4/5.5	2.5/4.8	7/ECM	7/ECM
Blower Wheel (D x W)	10" X 10"	10" X 10"	11 X 10	11 X 10
Rated CFM Cooling at 0.50 IWC	1,150	1,350	1500	1500
Evaporator Coil				
Face Area (ft.²)	4.2	4.2	5.2	5.2
Rows Deep/Fins Per Inch	4/14	4/14	4/14	4/14
External Filter Size (ft.²)	4.0	4.5	5.0	5.0
Drain Line Size (in.)	3/4	3/4	¾	¾
Expansion Device (Cooling)			Orifice	Orifice
Refrigerant Charge	110 oz.	120 oz.	On Nameplate	
Power Supply				
Volts	208/230	208/230	208/230	208/230
Frequency	60 Hertz	60 Hertz	60 HERTZ	60 HERTZ
Phase	Single	Single	SINGLE	SINGLE
Minimum Circuit Ampacity[1]	20.6	24.4	31.2	31.2
Maximum Overcurrent Device[1]	30	40	45	45
Electric Entrance Size				
Power Supply (in.)	3/4, 1-1/4	3/4, 1-1/4	¾ , 1-1/4	¾ , 1-1/4
Low Voltage (in.)	1/2	1/2	½"	½"
Shipping Weight (Lbs)	449	449	461	467
Operating Weight (Lbs)	434	434	441	447

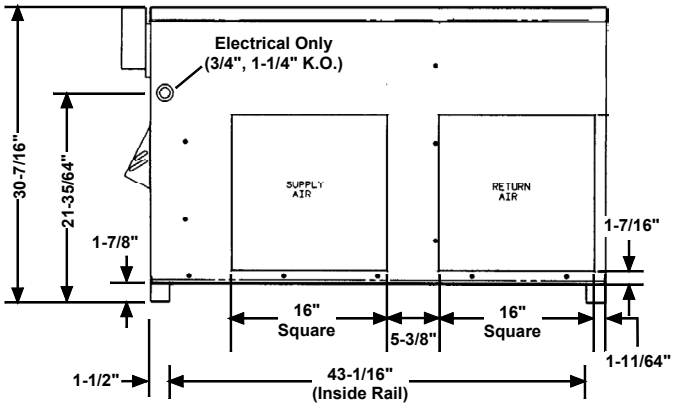
NOTES:

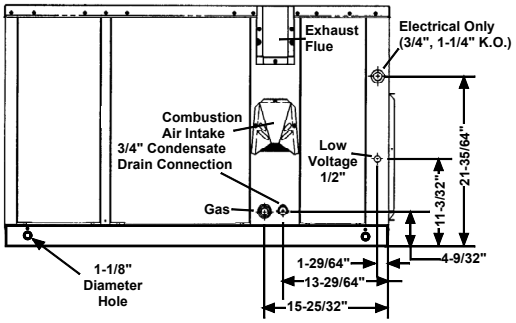
1. While the above data is presented as a guide, it is important to electrically connect the unit and properly size overcurrent protection and wires in accordance with the National Electric Code and all existing codes. Operating tolerance: -5% and + 10% on 208 VAC, ±10% 230 VAC.
2. Without additional accessories, units installed in the U.S. are certified up to 6,000', and units installed in Canda are only certified to 4,500' (see page 11 for accessory information).
3. Specification subject to change without notice. See sales specification sheets for certified BTUH capacities.
4. The PGD series complies with requirements embodied in the American National Standard ANSI-Z21.47a-1995 Central Furnaces and CAN/CGA-2.3a-M95.
5. Filters are not supplied with units, but must be installed in the return air system.
6. IWC - Inches Water Column.

Dimensions for PGD24 to PGD42 Models

These models have general dimensions of 47" x 49" x 31" (W x L x H).





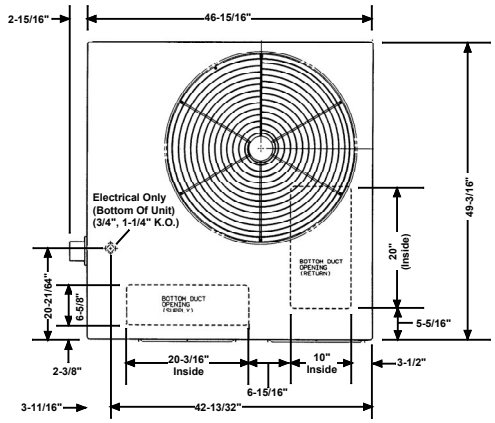


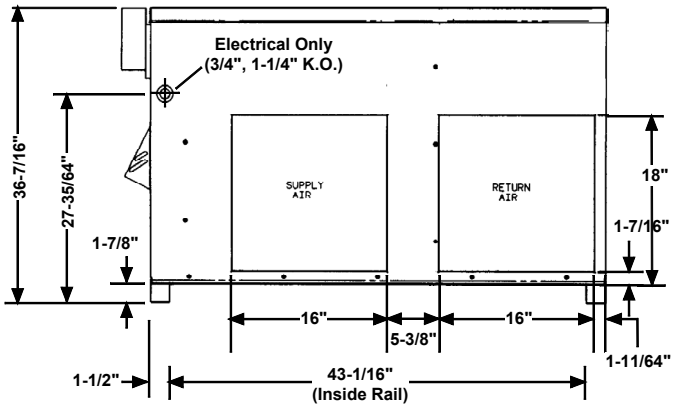
Clearances

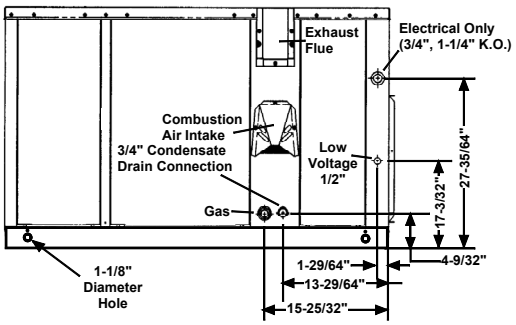
Front	24" (service access and air flow)
Right	9" (required to combustibles) 36" (recommended for service)
Left	36" (recommended for service)
Back	0"
Top	48" (unobstructed)

Dimensions for PGD48

These models have general dimensions of 47" x 49" x 37" (W x L x H).







Clearances

Front	24" (service access and air flow)
Right	9" (required to combustibles) 36" (recommended for service)
Left	36" (recommended for service)
Back	0"
Top	48" (unobstructed)

Cooling Performance

PGD24
Conditions: 80° ID DB, 67° ID WB @ 800 CFM

Outdoor Ambient °F	TOTAL Btuh	Sensible Btuh	Latent Btuh	Total Outdoor Watts
75°	26,300	18,900	7,400	2,020
80°	26,000	18,900	7,100	2,100
85°	25,600	18,900	6,700	2,140
90°	25,300	19,000	6,400	2,200
95°	25,000	19,000	6,000	2,250
100°	24,400	18,900	5,500	2,300
105°	23,800	18,800	5,000	2,340
110°	22,900	18,200	4,700	2,400
115°	22,000	17,600	4,400	2,420

PGD30
Conditions: 80° ID DB, 67° ID WB @ 1,000 CFM

Outdoor Ambient °F	TOTAL Btuh	Sensible Btuh	Latent Btuh	Total Outdoor Watts
75°	30,500	22,600	7,900	2,790
80°	30,100	22,600	7,500	2,900
85°	29,700	22,600	7,100	2,970
90°	29,400	22,600	6,800	3,000
95°	29,000	22,600	6,400	3,120
100°	28,300	22,400	5,900	3,200
105°	27,600	22,400	5,200	3,250
110°	26,600	21,600	4,900	3,300
115°	25,500	20,900	4,600	3,360

PGD36
Conditions: 80° ID DB, 67° ID WB @ 1,150 CFM

Outdoor Ambient °F	TOTAL Btuh	Sensible Btuh	Latent Btuh	Total Outdoor Watts
75°	37,600	27,100	10,500	2,990
80°	37,200	27,200	10,000	3,100
85°	36,700	27,200	9,500	3,180
90°	36,300	27,300	9,000	3,300
95°	35,800	27,200	8,600	3,340
100°	34,900	26,900	8,000	3,400
105°	34,000	26,800	7,200	3,480
110°	32,800	25,900	6,900	3,500
115°	31,500	25,200	6,300	3,600

PGD42
Conditions: 80° ID DB, 67° ID WB @ 1,350 CFM

Outdoor Ambient °F	TOTAL Btuh	Sensible Btuh	Latent Btuh	Total Outdoor Watts
75°	43,100	33,000	10,100	3,260
80°	42,600	32,100	10,500	3,400
85°	42,000	31,100	10,900	3,460
90°	41,500	31,200	10,400	3,600
95°	41,000	31,200	9,800	3,640
100°	40,000	31,000	9,000	3,700
105°	39,000	30,800	8,200	3,790
110°	37,600	29,900	7,700	3,900
115°	36,100	28,900	7,200	3,920

PGD48
Conditions: 80° ID DB, 67° ID WB @ 1,500 CFM

Outdoor Ambient °F	TOTAL Btuh	Sensible Btuh	Latent Btuh	Total Outdoor Watts
75°	49,400	35,600	13,800	3,750
80°	48,800	35,700	13,200	3,900
85°	48,200	35,700	12,500	3,990
90°	47,600	35,700	11,900	4,100
95°	47,000	35,700	11,300	4,200
100°	45,900	35,500	10,400	4,300
105°	44,700	35,300	9,400	4,380
110°	43,100	34,200	8,900	4,500
115°	41,400	33,100	8,300	4,530

Horizontal Air Flow and Temperature Data

PGD24C0452G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	990	34	1,180	29	1,370	25	1,590	*NR*
0.2	960	35	1,140	30	1,340	26	1,570	*NR*
0.3	930	37	1,090	31	1,280	27	1,500	*NR*
0.4	890	38	1,050	32	1,210	28	1,430	*NR*
0.5	790	43	980	35	1,140	30	1,340	25
0.6	720	47	900	38	1,050	32	1,250	27
0.7	620	55	750	45	890	38	1,140	30
0.8	470	*NR*	600	*NR*	770	44	910	37

PGD24C0702G/PGD30C0702G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	1,000	51	1,170	44	1,380	37	1,630	31
0.2	960	53	1,140	45	1,330	38	1,560	33
0.3	930	55	1,100	46	1,270	40	1,480	35
0.4	880	58	1,040	49	1,200	43	1,410	36
0.5	820	*NR*	980	52	1,130	45	1,330	38
0.6	710	*NR*	910	56	1,060	48	1,230	42
0.7	630	*NR*	760	*NR*	960	53	1,130	45
0.8	460	*NR*	600	*NR*	760	*NR*	1,020	50

PGD30C0902G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	990	69	1,160	59	1,360	50	1,590	*NR*
0.2	950	72	1,120	61	1,300	52	1,530	45
0.3	920	74	1,080	63	1,260	54	1,460	47
0.4	870	*NR*	1,030	66	1,190	57	1,390	49
0.5	810	*NR*	970	70	1,130	60	1,320	51
0.6	710	*NR*	900	*NR*	1,050	65	1,230	55
0.7	610	*NR*	780	*NR*	950	72	1,130	60
0.8	470	*NR*	620	*NR*	770	*NR*	1,010	67

PGD36C0702G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	980	52	1,160	44	1,350	38	1,580	32
0.2	950	54	1,120	46	1,290	40	1,510	34
0.3	910	56	1,070	48	1,230	42	1,430	36
0.4	860	59	1,020	50	1,150	44	1,350	38
0.5	800	*NR*	950	54	1,090	47	1,280	40
0.6	690	*NR*	870	59	1,010	51	1,180	43
0.7	600	*NR*	730	*NR*	920	56	1,080	47
0.8	440	*NR*	630	*NR*	720	*NR*	910	56

*Dry Coil & no filter. Allow 0.1 for wet coil. Consult air filter manufacturer for filter data.
NR (Not recommended) -- Operation outside of acceptable parameters.

Horizontal Air Flow and Temperature Data (cont.)

PGD36C0902G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	980	70	1,150	59	1,330	51	1,550	44
0.2	940	72	1,110	61	1,290	53	1,490	46
0.3	910	75	1,060	64	1,220	56	1,420	48
0.4	860	*NR*	1,010	67	1,160	59	1,350	50
0.5	800	*NR*	960	71	1,090	63	1,270	54
0.6	700	*NR*	880	*NR*	1,020	67	1,200	57
0.7	560	*NR*	740	*NR*	910	75	1,090	63
0.8	450	*NR*	560	*NR*	750	*NR*	980	70

PGD42C0902G

Unit	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	High*	Rise (° F.)
0.1	1,240	55	1,500	45
0.2	1,200	57	1,430	48
0.3	1,160	59	1,370	50
0.4	1,110	61	1,300	52
0.5	1,050	65	1,220	56
0.6	970	70	1,140	60
0.7	850	*NR*	1,040	66
0.8	700	*NR*	850	*NR*

Downshot Air Flow and Heating Temperature Rise*

PGD24C0452G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	950	36	1,110	31	1,270	27	1,440	*NR*
0.2	910	37	1,070	32	1,210	28	1,370	25
0.3	860	40	1,020	33	1,150	30	1,310	26
0.4	790	43	950	36	1,080	32	1,240	27
0.5	730	47	850	40	1,000	34	1,160	29
0.6	660	52	770	44	870	39	1,050	32
0.7	580	*NR*	700	49	780	44	910	37
0.8	440	*NR*	610	55	690	49	810	42

PGD24C0702G/PGD30C0702G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	960	53	1,110	46	1,260	41	1,410	36
0.2	910	56	1,070	48	1,210	42	1,350	38
0.3	860	59	1,020	50	1,140	45	1,300	39
0.4	780	*NR*	950	54	1,070	48	1,230	42
0.5	720	*NR*	850	60	1,000	51	1,140	45
0.6	660	*NR*	780	*NR*	870	59	1,020	50
0.7	590	*NR*	700	*NR*	780	*NR*	890	57
0.8	450	*NR*	610	*NR*	690	*NR*	810	*NR*

** Dry coil and no filter -- allow 0.1 inches water column (I.W.C.) for wet coil. Consult air filter manufacturer for filter data.*
*** NR (Not Recommended) -- Operation outside of acceptable parameters.*

Downshot Air Flow and Heating Temperature Rise* (cont.)

PGD30C0902G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	950	72	1,110	62	1,250	55	1,420	48
0.2	900	75	1,060	64	1,210	56	1,370	50
0.3	860	*NR*	1,010	67	1,160	59	1,310	52
0.4	810	*NR*	950	72	1,090	63	1,230	55
0.5	730	*NR*	860	*NR*	1,010	67	1,160	59
0.6	660	*NR*	770	*NR*	890	*NR*	1,070	64
0.7	570	*NR*	700	*NR*	790	*NR*	920	74
0.8	450	*NR*	580	*NR*	700	*NR*	820	*NR*

PGD36C0702G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	950	54	1,100	46	1,250	41	1,410	36
0.2	910	56	1,050	49	1,200	43	1,350	38
0.3	850	60	1,000	51	1,140	45	1,290	40
0.4	770	*NR*	910	56	1,060	48+	1,220	42
0.5	710	*NR*	820	60	960	53	1,130	45
0.6	650	*NR*	760	*NR*	860	59	1,000	51
0.7	590	*NR*	690	*NR*	770	*NR*	890	57
0.8	460	*NR*	590	*NR*	690	*NR*	800	*NR*

PGD36C0902G

Unit	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	Med-Low*	Rise (° F.)	Med-High*	Rise (° F.)	High*	Rise (° F.)
0.1	940	72	1,090	63	1,230	55	1,400	49
0.2	900	75	1,050	65	1,180	58	1,330	51
0.3	860	*NR*	990	69	1,130	60	1,270	54
0.4	770	*NR*	930	73	1,050	65	1,190	57
0.5	710	*NR*	820	*NR*	980	70	1,130	60
0.6	640	*NR*	760	*NR*	860	*NR*	1,030	66
0.7	550	*NR*	670	*NR*	770	*NR*	890	*NR*
0.8	470	*NR*	550	*NR*	660	*NR*	780	*NR*

PGD42C0902G

Unit	Fan Speed	Temp.	Fan Speed	Temp.
Static (In. W.C.)	Low*	Rise (° F.)	High*	Rise (° F.)
0.1	1,180	58	1,370	50
0.2	1,130	60	1,310	52
0.3	1,070	64	1,240	55
0.4	1,020	67	1,160	59
0.5	900	*NR*	1,100	62
0.6	830	*NR*	980	70
0.7	760	*NR*	870	*NR*
0.8	660	*NR*	780	*NR*

** Dry coil and no filter -- allow 0.1 inches water column (I.W.C.) for wet coil. Consult air filter manufacturer for filter data.*
*** NR (Not Recommended) -- Operation outside of acceptable parameters.*

PGD48 Temperature Rise (°F)

Heating Speed	Adjust Tab	CFM @ 0.1 - 0.5 ESP	PGD48C090	PGD48C115
A	Minus	990	69	NR
A	Normal	1,100	62	NR
A	Plus	1,210	56	70
B	Minus	1,260	54	68
B	Normal	1,400	49	61
B	Plus	1,540	NR	55
C	Minus	1,485	46	46
C	Normal	1,650	NR	NR
C	Plus	1,820	NR	NR
D	Minus	1,800	NR	NR
D	Normal	2,000	NR	NR
D	Plus	2,000	NR	NR

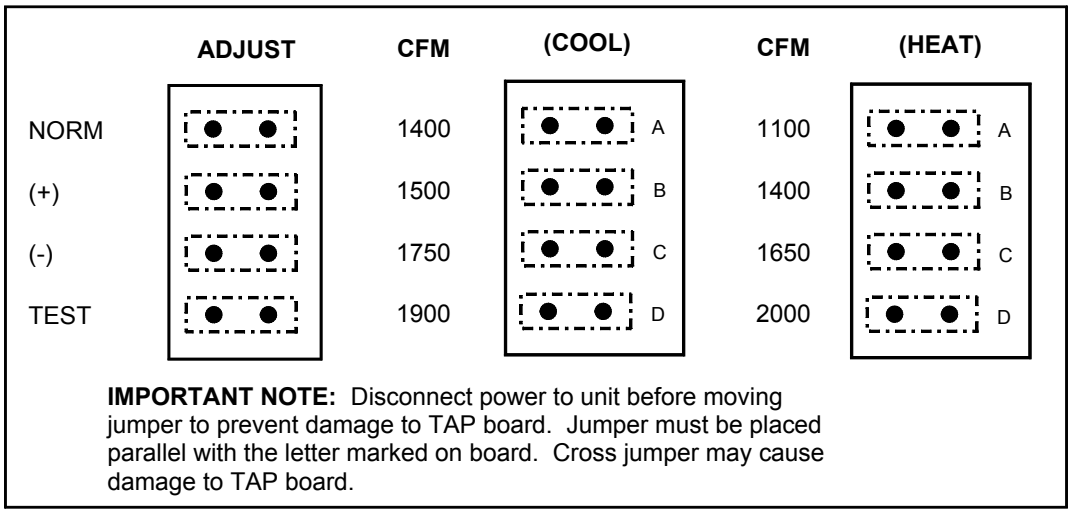
NR (not recommended) -- *operation outside of acceptable parameters.*

PGD48 Blower Performances with ECM Motor

Cooling Speed	Adjust Tab	CFM @ 0.1 - 0.5 ESP	Heating Speed	Adjust Tab	CFM @ 0.1 - 0.5 ESP
A	Minus	1,260	**A**	Minus	990
A	Normal	1,400	**A**	Normal	1,100
A	Plus	1,540	**A**	Plus	1,210
B	Minus	1,350	**B**	Minus	1,260
B	Normal	1,500	**B**	Normal	1,400
B	Plus	1,650	**B**	Plus	1,540
C	Minus	1,575	**C**	Minus	1,485
C	Normal	1,750	**C**	Normal	1,650
C	Plus	1,925	**C**	Plus	1,815
D	Minus	1,710	**D**	Minus	1,800
D	Normal	1,900	**D**	Normal	2,000
D	Plus	2,000	**D**	Plus	2,000

PGD48 Factory Setting Blower Motor Speed

Models	Adjust Setting	Cooling Blower Speed	Heating Blower Speed
PGD48C0902G	NORMAL	B	A
PGD48C1152G	NORMAL	B	B



IMPORTANT NOTE: Disconnect power to unit before moving jumper to prevent damage to TAP board. Jumper must be placed parallel with the letter marked on board. Cross jumper may cause damage to TAP board.

X Available for this model.

Accessories

Kit Part Number	Description	PGD24C0452G	PGD24C0702G	PGD30C0702G	PGD30C0902G	PGD36C0702G	PGD36C0902G	PGD42C0902G	PGD48C0902G	PGD48C1152G
LPTK09	Propane Gas Conversion Kit	X	X	X	X	X	X	X	X	X
CSB07A	Compressor Sound Blanket	X	X	X	X					
CSB08A	Compressor Sound Blanket					X	X	X	X	X
CSB09A	Compressor Sound Blanket									
CHK001A*	Horizontal Duct Cover Kit (2 Covers)	X	X	X	X	X	X	X		
CHK002A*	Horizontal Duct Cover Kit (2 Covers)								X	X
HALP09	High Alt. Propane Gas Conversion Kit	X	X	X	X	X	X	X	X	X
HANG07	High Alt. Nat. Gas Conversion Kit	X	X	X	X	X	X	X	X	X
PRC07A1	Roof Curb - Gas/Electric	X	X	X	X	X	X	X	X	X
PRC08A1	Roof Curb - Combination	X	X	X	X	X	X	X	X	X
PDTROU4A	Over-Under Duct Conversion Kit	X	X	X	X	X	X	X		
PDTROU6A	Over-Under Duct Conversion Kit								X	X

Thermostats

Thermostat	Man/Auto	Programmable	Cool	Heat	Batt. Powered	Batt. Bkup	Shape/Color
M0380101	Man. Changeover	No	1	1	No	No	Rect/Vert/Beige
1213402	Man. Changeover	No	1	1	Yes	No	Rectangular/White
1213401	Man. Changeover	Yes	1	1	Yes	No	Rectangular/White
1213408	Man. or Auto Changeover	Yes	1	1	No	Yes	Rectangular/White

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Supercedes 08/04
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